Atty. Docket No. Serial No. 10/825230 Applicant(s) Suncor Energy Inc. Filing Date 2004APR16 Group

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	Q /RADE-	U.S. TATENT				
* Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
/NB/	685,895	11/05/01	Wirth	548	444	8/29/1900
/NB/	1,590,156	06/22/26	Ellis	106	311	3/27/1924
/NB/	1,598,973	09/07/26	Kolsky	208	112	11/27/1925
/NB/	2,052,881	09/01/36	Klipstein et al.	260	103	5/18/1935
/NB/	2,236,796	04/01/41	Kipper	134	56	9/13/1938
/NB/	2,734,019	02/07/56	Miller et al.	208	212	4/22/1953
/NB/	2,847,353	08/12/58	Beavon	196	14.11	12/30/1955
/NR/	2,910,424	10/27/59	Tek et al.	208	11	11/19/1956
/NB/	2,921,023	01/12/60	Holm	208	263	5/14/1957
/NB/	3,159,562	12/01/64	Bichard	208	11	9/7/1961
/NB/	3,509,641	05/05/70	Smith et al.	34	134	5/17/1968

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ł	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	NO
/NB/	CA1026252	02/14/1978	CA	196	22		
/NB/	CA1027853	03/14/1978	CA	166	31		
/NB/	CA1029322	11/04/1978	CA	196	132		
/NB/	CA1041451	10/31/1978	CA	196	24		
/NB/	CA1044628	12/19/1978	CA	196	19		

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/NB/	Fenske, McCormick, Lawroski, and 1. No. 3. pp 335-341	Geier, "Extraction of Petroleum Fractions by Ammonia Solvents", E.I.Ch.E. Journal, Vol.
/NB/	Natural Resources Canada, Treatmer	nt of Bitumen Froth and Slop Oil Tailings,
	National Energy Board, Canada's Oil 2000	I Sands: A Supply and Market Outlook to 2015, An Energy Market Assessment October
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/NB/	· 3,594,201 ·	07/20/71	Sommer et al.	106	277	4/29/1968
/NB/	3,617,530	11/02/71	Rieve et al.	208	253	11/12/1969
/NB/	3,798,157	03/19/74	Manzanilla et al.	208	251	10/28/1970
/NB/	3,807,090	04/30/74	Moss	48	128	12/6/1972
/NB/	3,808,120	04/30/74	Smith	208	11	7/9/1973
/NB/	3,876,532	04/08/75	Plundo et al	208	216	2/27/1973
/NB/	3,893,907	07/08/75	Canevari	208	11	9/10/1973
/NB/	3,967,777	07/06/76	Canevari	233	3	11/27/1974
/NB/	3,971,718	07/27/76	Reid	210	84	7/9/1974
/NB/	. 3,998,702	12/21/76	Opoku	196	14.52	10/14/1975
/NB/	4,033,853	07/05/77	Hann	208	11	1/16/1976

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	DOCUMENT NUMBER		COUNTRY			YES	NO
/NB/	CA1055868	05/06/1979	CA	196	23		
/NB/	CA1059052	07/24/1979	CA	196	22		
/NB/	CA1066644	11/20/1979	CA	196	22	·	
/NB/	CA1072473	02/26/1980	CA	196	22		
/NB/	CA1072474	02/26/1980	CA	196	22		

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/NB/	Krebs' Engineers, Krebs D-Series gMAX DeSanders for Oil and Gas, Bulletin 11-203WEL								
/NB/	Alberta Oil History, An Interview with Roger Butler	Alberta Oil History, An Interview with Roger Butler, Vol. 2 Issue 2, pp. 33-35							
/NB/	Lagowski, Liquid Ammonia - A Unique Solvent, Ch	Lagowski, Liquid Ammonia - A Unique Solvent, Chemistry Vol. 41, No. 4, pp. 10-15							
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/NB/	4,035,282	07/12/77	Stuchberry et al.	208	11	8/20/1975
1	4,072,609	02/07/78	Kizior	210	73	2/10/1977
	4,101,333	07/18/78	Wayment	106	85	5/23/1977
	4,116,809	09/26/78	Kizior	208	11	12/2/1976
	4,120,776	10/17/78	Miller et al.	208	11	8/29/1977
	4,172,025	10/23/79	Porteous et al.	208	11	5/11/1978
	4,279,743	07/21/81	Miller	209	211	11/15/1979
	4,305,733	12/15/81	Scholz et al.	48	196	3/6/1980
	4,337,143	06/29/82	Hanson et al.	208	11	6/2/1980
	4,383,914	05/17/83	Kizior	208	177	5/18/1981
/NB/	4,397,741	08/09/83	Miller	209	170	11/20/1981

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	NO
/NB/	CA1080375	06/24/1980	CA	361	29 .		
/NB/	CA1081641	07/15/1980	CA	196	22		
/NB/	CA1094003	1/20/1981	CA	196	17		
/NB/	CA10975.74	03/17/1981	CA	182	141		
/NB/	CA1126187	06/22/1982	CA	196	17		

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/NB/	New Logic Research, Using V SEP	to Treat Desalter Effluent, Case Study Copyright 2003 9 pages					
/NB/	Bratsch and Lagowski, On the Exis	stence of Na in Liquid Ammonia, 1984 American Chemical Society, 1086-1089 pp. 1086-					
/NB/	Lemley, Roberts, Plowman and Lagowski, Liquid Ammonia Solutions. X. A Raman Study of Interactions in the Liquid State, The Journal of Physical Chemistry Vol. 77 No. 18, 1973 pp. 2185-2191						
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/NB/	4,399,027	08/16/83	Miller	209	164	8/29/1980
	4,399,112	08/16/83	Voirin	423	230	4/21/1981
	4,409,090	10/11/83	Hanson et al.	208	11	2/1/1982
	4,410,417	10/18/83	Miller et al.	208	11	10/6/1980
	4,424,113	01/03/84	Mitchel	208	11	7/7/1983
	4,437,998	03/20/84	Yong	210	728	4/23/1982
	4,462,892	07/31/84	Schramm et al.	208.	11	3/17/1983
	4,470,899	09/11/84	Miller et al.	208	11	2/14/1983
	4,486,294	12/04/84	Miller et al.	208	11	10/17/1983
	4,502,950	03/05/85	Ikematsu et al.	208	309	1/31/1984
/NB/	4,514,287	04/30/85	Ikematsu et al.	208	309	12/30/1982

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/NB/	CA1137906	12/21/1982	CA	196	19		
/NB/	CA1138822	04/01/1983	CA	209	85		
/NB/	CA1144098	04/05/1983	CA	196	22		
/NB/	CA1153347	06/09/1983	CA	241	123		
/NB/	CA1163257	06/03/1984	CA	241	123		

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/NB/	Miner's Toolbox, Mine Backfill E	Engineering, 2000-2005
/NB/	Schramm et al. "Two Classes of A Chem. Eng., 65 (1987) 799-811	Anionic Surfactants and Their Significance in Hot Water Processing of Oil Sands", Can. J.
/NB/		ons on the Aging Phenomenon in the Hot Water Processing of Athabasca Oil Sands. Part 1 - , AOSTRA J. Res., 3 (1987) 195-214
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/NB/	4,514,305	04/30/85	Filby	210	703	12/1/1982
/NB/	4,525,155	06/25/85	Nilsson	494	3	4/11/1984
/NB/	4,525,269	06/25/85	Ikematsu et al.	208	309	5/3/1984
/NB/	4,528,100	07/09/85	Zarchy	210	634	10/31/1983
/NB/	4,535,024	07/30/85	Haschke et al.	208	11	12/3/1984
/NB/	4,545,892	10/08/85	Cymbalisty et al.	208	11	4/15/1985
/NB/	4,581,142	04/08/86	Fladby et al.	- 210	512.1	1/11/1984
/NB/	4,585,180	04/29/86	Potts	241	186	6/29/1984
/NB/	4,604,988	08/12/86	Rao	126	360	3/19/1984
/NB/	4,634,519	01/06/87	Danzik	208	263	6/11/1985
/NB/	4,677,074	06/30/87	Holden	423	541	6/21/1984

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	NO
/NB/	CA1164383	03/27/1984	CA	196	24		
/NB/	CA1180426	01/02/1985	CA	341	71		
/NB/	CA1182463	12/02/1985	CA	260	363.3		
/NB/	CA1193586	09/17/1985	CA	241	55		
/NB/	CA1194622	01/10/1985	CA	361	29		

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(1)		ng Phenomenon in the Hot Water Processing of Athabasca Oil Sands. Part 2 -				
/NB/	The Mechanism of Aging", AOSTRA J. Res., 3	(1987) 215-224				
	Wallace et al. "A Physical Chemical Explanation	on for Deterioration in the Hot Water Processability of Athabasca Oil Sand Due				
/NB/		to Aging", Fuel Sci. Technol. Int., 7 (1989) 699-725				
	Eva Mondt "Compact Centrifugal Separator of	Dispersed Phases" Proefschrift				
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Serial No.
10/825230

Applicant(s)
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Filing Date
2004APR16

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/NB/	4,733,828	03/29/88	Potts	241	236	1/30/1987
	4,744,890	05/17/88	Miller et al.	209	164	3/21/1986
	4,781,331	11/01/88	Potts	241	236	10/15/1987
•	4,783,268	11/08/88	Leung	210	703	12/28/1987
	4,799,627	01/24/89	Potts	241	236	1/16/1987
	4,828,393	05/09/89	Smals et al.	366	2	3/9/1987
	4,838,434	06/13/89	Miller et al.	209	164	5/17/1988
	4,851,123	07/25/89	Mishra	210	609	11/20/1986
	4,859,317	08/22/89	Shelfantook et al.	208	391	2/1/1988
	4,915,819	04/10/90	Chirinos et al.	208	309	9/9/1988
/NB/	4,981,579	01/01/91	Paspek et al.	208	314	12/2/1988

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	NO
/NR/	CA1201412	04/03/1986	CA	204	171		
/NR/	CA1210167	08/19/1986	CA	361	34		
/NB/	CA1214421	11/25/1986	CA	196	19		
/NB/	CA1231692	01/19/1988	CA	241	123		
/NB/	CA1232854	02/16/1988	CA	196	1		

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/NB/		te of Natural Surfactant Concentration on the Hot Water Process for Recovering AOSTRA Journal of Research, Vol. 1, 1984 pp. 5-13
/NB/		agent-Based, Separation Method for Tar Sands and Environmentall Clean Ups"
/NB/	The Fine Tailings Fundamentals Consorti Alberta Department of Energy June 1995	ium "Advances in Oil Sands Tailings Research" ISBN 0-7732-1691-X Published by
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/NB/	4,994,097	02/19/91	Brouwers	55	317	9/27/1989
	5,009,773	04/23/91	Laurier et al.	208	391	1/7/1987
	5,017,281	05/21/91	Sadeghi et al.	208	390	5/30/1989
	5,032,275	07/16/91	Thew	210	512.1	11/20/1987
	5,039,398	08/13/91	Stine et al.	208	192	3/19/1990
	5,055,202	10/08/91	Carroll et al.	210	739	11/16/1988
	5,073,177	12/17/91	Brouwers	55	317	10/15/1990
	5,092,983	03/03/92	Eppig et al.	208	323	11/30/1989
	5,118,408	06/02/92	Jansen et al.	209	164	9/6/1991
	5,124,008	06/23/92	Rendall et al.	204	61	6/22/1990
/NB/	5,143,598	09/01/92	Graham et al.	208	390	1/14/1988

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1	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	NO
/NB/	CA1236065	05/03/1988	CA	233	10		
/NB/	CA1251772	03/28/1989	CA	196	54		
/NB/	CA125417,1	05/16/1989	CA	204	171.7	,	
/NB/	CA1266250	02/27/1990	CA	196	22		
/NB/	CA1266261	02/27/1990	CA	241	123		

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/NB/	MINESPACE 2001, Presentation slides "Identifica 2001, Quebec City, Canada	tion ad Treatment of Weathered Ores at Suncor's Steepbank Mine", May 2,
/NB/	IEO 1997 World Oil Markets "The World Oil Mark	ket" pp.1-19
/NB/	Industry Statistics "Monthly Petroleum Facts at a C	Slance" January 2002 pp. 1-2

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Filing Date 2004APR16	Group	

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* Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
/NB/	5,156,751	10/20/92	Miller	210	787	3/29/1991
	5,186,820	02/16/93	Schultz et al.	209	164.	12/4/1991
	5,207,805	05/04/93	Kalen et al.	55	1	3/27/1992
	5,223,148	06/29/93	Tipman et al.	- 210	744	11/12/1991
	5,236,577	08/17/93	Tipman et al.	208	390	3/2/1992
	5,242,580	09/07/93	Sury	208	400	3/2/1992
	5,242,604	09/07/93	Young et al.	210	768	1/10/1992
	5,264,118	11/23/93	Cymerman et al.	208	390	12/26/1991
	5,295,350	03/22/94	Child et al.	60	39.02	6/26/1992
	5,316,664	05/31/94	Gregoli et al.	208	390	10/23/1992
/NB/	5,340,467	08/23/94	Gregoli et al.	208	390	10/24/1991

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/NB/	CA1266844	03/20/1990	CA	196	130		
/NB/	CA1267860	04/17/1990	CA	196	22		
/NB/	CA1270220	06/12/1990	CA	196	19		
/NR/	CA1272153	07/31/1990	CA	196	136		
/NB/	CA1275063	10/09/1990	CA	196	19		

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/NB/	Rimmer, Gregoli and Yildlrim, "Hydrocyclone-based Process for Rejecting Solids from Oil Sands at the Mine Site While					
/NB/	Jones and Goldstein "The SkyMine Process", Skyonic Corporation September 20, 2005					
/NB/	District 5 CIM Conference, Presentation slides "Iden June 14, 2001, Alberta, Canada	tification and Treatment of Weathered Ores at Suncor's Steepbank Mine",				

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/NB/	5,480,566	01/02/96	Strand	210	772	11/27/1991
	5,538,539	07/23/96	Spokoyny et al.	. 96	52	1/20/1995
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	5,581,864	12/10/96	Rabet	210	202	11/29/2002
	5,626,191	05/06/97	Greaves et al.	166	245	6/23/1995
	5,645,714	07/08/97	Strand et al.	208	391	5/3/1995
	5,667,543	09/16/97	Brouwers	55	317	4/15/1994
	5,723,042	03/03/98	Strand et al.	208	391	10/17/1996
	5,740,834	04/21/98	Sherowski	137	527.6	8/2/1996
	5,798,087	08/25/98	Suda et al.	423	555	12/10/1996
/NB/	5,820,750	10/13/98	Blum et al.	208	263	1/17/1997

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/NB/	CA1288375	03/09/1991	CA	196	133		
/NB/	CA1293465	12/24/1991	CA	196	21		
/NB/	CA1301692	05/26/1992	CA	196	23		
/NB/	CA1303702	06/16/1992	CA	341	34		
/NB/	CA1304314	06/30/1992	CA	198	19		

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/NB/	Greaves, Tuwil and Bagci, "Horizontal Producer Wells in in Situ Combustion (ISC) Process", The Journal of Canadian Petroleum Technology, April 1993, Volume 32, No. 4, pp. 58-67					
/NB/	Collison, "Hot About Thai: A Calgary company researches a step-change in bitumen recovery technology", Oilweek March 1, 2004, pp. 42-46					
/NB/	Bagci and Shamsul, "A Comparison of Dry Forward Combusion with Diverse Well Configurations in a 3-D Physical Model Using Medium and Low Gravity Crudes", Middle East Technical University (10 pages)					
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/NB/	5,876,592	03/02/99	Tipman et al.	208	390	5/18/1995		
	5,897,769	04/27/99	Trachte et al.	208	263	8/29/1997		
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	5,961,821	10/05/99	Varadaraj et al.	208	263	3/27/1998		
	5,968,349	10/19/99	Duyvesteyn et al.	208	390	11/16/1998		
	5,985,137	11/16/99	Ohsol et al.	208	263	2/26/1998		
	5,985,138	11/16/99	Humphreys	208	391	4/8/1998		
	6,007,709	12/28/99	Duyvesteyn et al.	208	391	12/31/1997		
	6,033,187	03/07/00	Addie	417	18	10/17/1997		
/NB/	6,063,266	05/16/00	Grande	208	263	8/29/1995		

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/NB/	CA1305390	07/21/1992	CA	362	65		
	CA1313550	02/09/1993	CA	341	91		
	CA1313845	02/23/1993	CA	209	70		
	CA1317277	04/05/1993	CA	196	130		
/NB/	CA1318273	05/25/1993	CA	196	30		

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EXAMINER	/Nina Bhat/	DATE CONSIDERED 09/25/2007					
/NB/	Al-Shamali and Greaves, "In Situ Combustion (ISC) Processes: Enhances Oil Recovery Using Horizontal Wells", School of Chemical Engineering, University of Bath, UK, Trans IChemE, Vol. 71, Part A, May 1993, pp. 345-346						
/NB/	European Commission, European Symposium on Heavy Oil Technologies in a Wider Europe, A Therme Programme Action Berlin, 7 & 8 June 1994, Greaves, Wang and Al-Shamali, "Insitu Combustion (ISC) Processes: 3D Studies of Vertical and Horizontal Wells", IOR Research Group, School of Chemical Engineering, University of Bath, UK;						

*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through

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Form PTO-A820

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	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Atty. Docket No.	Serial No. 10/825230	
		Applicant(s) Suncor Energy Inc.		
	•	Filing Date 2004APR16	Group	

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			DOCUMENTO			
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/NB/	6,086,751	07/11/00	Bienstock	208	263	8/29/1997
	6,096,196	08/01/00	Varadaraj et al.	208	263	3/27/1998
	6,119,870	09/19/00	Maciejewski et al.	209	725	9/9/1998
	6,123,835	09/26/00	Ackerson et al.	208	213	6/24/1998
	6,132,630	10/17/00	Briant et al.	210	774	2/17/1998
	6,149,887	11/21/00	Lagas et al.	423	578.1	9/16/1996
	6,162,350	12/19/00	Soled	208	113	1/15/1999
	6,183,341	02/06/01	Melcer	451	5	2/9/1999
	6,214,213	04/10/01	Tipman et al.	208	390	9/30/1997
	6,281,328	08/28/01	Sartori et al.	528	492	8/22/2000
/NB/	6,319,099	11/20/01	Akihiro et al.	451	60	11/23/1999

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/NB/	CA1318876	06/08/1993	CA	196	40		
1	CA13231.73	10/19/1993	CA	23	332		
	CA1325180	12/14/1993	CA	182	149		
	CA1329277	05/03/1994	CA	361	36		
/NB/	CA1337410	10/24/1995	Ca	B01J	27/188		

OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)								
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EXAMINER	/Nina Bhat/		DATE CONSIDERED	09/25/2007				

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/NB/	6,358,404	03	3/19/02		Brown et al.	20	08	390	5/21/	1999
	6,391,190	05/21/02			Spence et al.	20	08	390	3/4/1	999
	6,398,973	04/06/02			Saunder et al.	2	10	788	11/4/	1998
	6,412,557	0	7/02/02		Ayasse et al.	10	66	261	12/4/	1998
	6,428,686	0	8/06/02		Ackerson et al.	20	08	213	6/22/	2000
	6,464,859	10/15/02			Duncum et al.		08	263	8/29/2000	
	6,521,079	0:	2/18/03		· Roy		156 34		10/6/2000	
	6,531,055	03/11/03			Greaney		08	263	4/18/2000	
	6,585,560	07/01/03			Tanoue, et al.		51	5	12/7/	2000
	6,596,170	07/22/03		-	Tuszko et al.	. 2	10	512.1	5/22/	2002
/NB/	6,640,548	1	1/04/03		Brushwood et al.		50	776	9/26/	2001
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EXAMINER	/Nina Bhat/			I	DATE CONSIDERED	09	9/25/20	07		

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Atty. Docket No.

Serial No. 10/825230

	Atty. Docket No.	Serial No. 10/825230	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Applicant(s) Suncor Energy Inc.		
	Filing Date 2004APR16	Group	

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/NB/	6,702,877	03/09/04	Swanborn	95	269	5/6/2000
	6,768,115	07/27/04	Mikula et al.	250	339.11	7/18/2002
	6,800,116	10/05/04	Stevens et al.	95	262	7/18/2002
	6,818,058	11/16/04	Ronin	106	705	4/30/2003
	6,907,831	06/21/05	Rising	110	345	12/11/2003
	6,991,037	01/31/06	Hocking	166	308.1	12/30/2003
	7,013,937	03/21/06	Potts	141	387	6/21/2004
1 1	7,056,487	06/06/06	Newby	423	650	6/6/2003
	7,141,162	11/28/06	Garner et al.	210	202	11/29/2002
	2001/0005986	01/05/27	Matsubara et al.	55	459.1	12/26/2000
/NB/	2001/0042713	11/22/01	Conrad et al.	210	512.1	6/20/2001

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	CA2037856	10/09/1991	CA	182	152		
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	CA2054620	05/01/1992	CA	B03D	001/26		
/NB/	CA2058221	01/07/1992	CA	C10G	011/18		

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/NB/	2001/0148755	10	10/17/02		Ackerson et al.	20)8	209	6/3/2	2002
	2002/0148777	10	0/17/02		Tuszko	21	0	512.1	5/22/	2002
	2003/0000214	0	01/02/03		Grewe et al.	6	0	670	1/5/2	2001
	2003/0029775	0:	02/13/03		Cymerman et al.	20)8	187	6/11/	2001
	2003/0056517	0:	3/27/03		Brushwood et al.	60		776	9/26/2001	
	2003/0070963	04	4/17/03		Zimmermann et al.	208		106	10/22/2002	
	2003/0168391	09/11/03			Tveiten		10	188	5/17/2001	
	2003/0205507	11/06/03		Mikula et al.		20)8	391	5/2/2	2002
	2004/0011057	01/22/04			Huber		0	781	7/16/2002	
	2004/0055972	03/25/04			Garner et al.		10	787 11/29		/2002
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	CA2088203		10/14/199	7	CA	FI	6G	3/10		
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) .	Applicant(s) Suncor Energy Inc.		
	Filing Date 2004APR16	Group	181

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/NB/	2004/0094456	05/20/04	Dries	208	113	2/21/2002
	2004/0164001	08/26/04	Rhodey	208	390	2/25/2003
	2004/0172951	09/09/04	Hannemann et al.	60	776	7/8/2002
	2004/0182754	09/23/04	Lange	209	115	5/27/2002
	2004/0247509	12/09/04	Newby	423	240	6/6/2003
	2004/0251731	12/16/04	Potts	299	18	6/21/2004
	2005/0051500	01/10/05	Price et al.	210	767	9/8/2003
	2005/0126455	06/16/05	Rising	110	345	12/11/2003
	2005/0173726	08/11/05	Potts	257	134	2/8/2005
	2005/0226094	10/13/05	Damhuis	366	175.3	4/8/2004
/NB/	2006/0091249	05/04/06	Potts	241	236	10/17/2005
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	CA2140380	09/16/2000	CA	C10B	25/20		
	CA2176639	08/08/2000	CA	E21B	43/16		
/NB/	CA2178189,	12/07/1996	CA	B03D	1/24		

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/NB/	2006/0138036	06	/29/06		Gamer et al.	2	10	202	2/24/2	2006
/NB/	2006/0138055	06	/29/06		Garnet et al.	2	10	703	2/24/2	2006
/NR/	2006/0248872	11/09/06			Bachovchin et al.	6	0	39.12	5/5/2	005
/NB/	. 2007/0006526	01/11/07			Cullen	4	4	589	7/7/2	005
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/NB/	CA2180686 .		10/02/199		CA		0G	11/18	ļ	
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/NB/	CA2184613		11/01/200		CA		4C	5/08	<u> </u>	
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EXAMINER	/Nina Bhat/			D	ATE CONSIDERED	09/2	5/2007			
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	applicant.									
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Atty. Docket No.	Serial No. 10/825230	
Applicant(s) Suncor Energy Inc.		
Filing Date	Group	,
2004APR16		

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•					SUB	TRANSLATION	
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/NB/	CA2208767.	12/26/1998	CA	B03B	9/02		
	CA2217300	08/20/2002	CA	C08L	95/00		
	CA2220821	05/12/1999	CA	E21C	41/26		
	CA222,7520	09/30/1999	CA	B01D	017/022		
	CA2227667	11/05/2002	CA	C10G	1/00		
	CA2229342	03/20/1997	CA	C01B	17/02		
	CA2231321	06/20/2000	CA	F04B	47/00		
	CA2232929	09/25/1998	CA	B03B	9/02		
	CA2236183	10/10/1999	CA	C10G	1/06		
	CA2242394	02/28/1999	CA	C10G	49/18		
	CA2243957	09/13/2005	CA	C10G	75/00		
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	CA2248129	04/25/2006	CA	B01J	23/76		
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	CA2259037	04/08/2003	CA	F02D	1/06		
	CA2263691	12/03/1998	CA	B04C	5/02		
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2004APR16		•

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CA2345271	04/13/2000	CA	C10G	75/00		
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EXAMINER	/Nina Bḥat/	DATE CONSIDERED	09/25/2007	,

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Applicant(s) Suncor Energy Inc.	,	
Filing Date 2004APR16	Group	

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Examiner Initial	DOCUMENTAL INCOME		GO! D IMP	-	SUB	TRANS	LATION
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Examiner		2.452	601 D IMP		SUB	TRANS	LATION
Initial	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	NO
/NB/	CA680576	02/18/1964	CA	196	18		
	CA694547	09/15/1964	CA	361	34		
	CA741303	08/23/1966	CA	196	23		
	CA841581	05/12/1970	CA	196	23		
	CA857306	01/12/1970	CA	196	23		
	CA873854	06/22/1971	CA	196	23		
	CA882667	05/10/1971	CA	196	17		
	CA889825	01/04/1972	CA	196	23		
	CA910271	09/19/1972	CA	196	17		
	CA952844	08/13/1974	CA	196	22		
	CA970308	07/01/1975	CA	196	17		
	CN1112033	11/22/1995	CN	B04C3	00		
	CN1701856	11/30/2005	CN	B04C5	081		
	CN2263552Y	10/01/1997	CN	B04C5	103		
	CN2520942Y	11/20/2002	CN	B04C5	081		
	DE2153098	04/27/1972	DE	C01F	11/46		
	EP 1028811	08/23/2000	EP	B04C	3/06		
	EP 1234914	08/24/1988	EP	B04B	1/10		
	EP 1501636	08/30/2006	EP	B04C	3/00		
/NB/	EP 1586546 A2	10/19/2005	EP	C04B	14/06		

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Filing Date	Group	_
2004APR16		

FOREIGN PATENT DOCUMENTS

Examiner					SUB	TRANSLATION	
Initial	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	NO
/NB/	EP 262916	06/04/1988	EP	B04	C5/28		
	EP 286160	05/23/1990	EP	B01D	45/14		
	EP 493858 B1	08/07/1992	EP	C04B	20/02		
	EP 605746	07/13/1994	EP	B04C	5/04		
	EP1600215	11/30/2005	EP	B04C	3/06		
	EP332641	03/30/1994	ЕР	B04C	5/081		
	GB 1253701	11/17/1971	GB	D 01			
	GB 1302064	01/04/1973	GB	B01J	1/00		
	GB 1428174	03/17/1976	GB	C10G	9/32		
	GB 1510053	05/10/1978	GB	C07C	69/52		
	GB 1510054	05/10/1978	GB	C07C	47/26		
	GB 1527940	10/11/1978	GB	C10C	1/00		
	GB 169063	09/22/1921	GB				
	GB 17954	05/08/1913	GB				
	GB 195055	01/09/1924	GB			1	
	GB 2047735	01/03/1980	GB	C10G	53/02		
	GB 2075543	11/18/1981	GB	C10B	49/10		
/NB/	GB 539383	08/09/1941	GB			<u> </u>	
/NB/	GB 552880	04/29/1943	GB		-		
/NB/	GB 591347	08/14/1947	GB				

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xaminer					SUB	TRANSLATION	
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/NB/	GB 603082	09/06/1948	GB	32			
	GB 665472	07/23/1952	GB	1(I)	32		
	GB 723149	02/02/1955	GB	1(1)	32		
	GB 723489	09/02/1955	GB	1(1)	2(3)		
	GB 726841	03/23/1955	GB	1(1)	32		
	GB 767605	02/06/1957	GB	1(1)	2(3)		
	GB 767944	02/13/1957	GB	91	117		
	GB 768107	02/13/1957	GB	32	El	<u> </u>	
	GB 773121	04-24-1657	GB	32	55(1)		
	GB 789228	01/15/1958	GB	2(3)	32	 	
	GB 807713	01/21/1959	GB	32	E2		
	GB 808104	10/15/1958	GB	32	E2	1	
	GB 814610	06/10/1959	GB	2(3)	55(2)		
	GB 957048	05/06/1964	GB	C 01	-	<u> </u>	
- 1	GB2116447	09/28/1983	GB	B01D	17/02		
1	GB634135	03/15/1950	GB	91	C2C		
1 1	GB815155	06/17/1959	GB	32	E2		
	JP 61082856	04/26/1986	JP	B04C5	04		ļ
	JP0005096492		JP	B26D	1/40		
/NB/	JP0005208815		JP	C01F	11/46		

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Initial	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	NO
/NB/	JP0007237921	j	JP	C01F	11/46	,	
	JP0053142396		JP	C01B	17/50		
	WO 00/10896	03/02/2000	PCT	B65G	17/06		
	WO 00/29507	05/25/2000	PCT	C10G	1/04		
	WO 00/35585	06/22/2000	PCT	B02C	4/08		
	WO 00/74815	12/14/2000	PCT	B01D	45/16		
	WO 01/53660	07/26/2001	PCT	F01K	23/06		
	WO 01/85611	11/15/2001	PCT	BOIJ	23/843		
	WO 02/074881	09/26/2002	PCT	CloG	1/04		
	WO 02/092231	11/21/2002	PCT	B02C	21/02		
	WO 03/006165	01/23/2003	PCT	B02C	13/28		
	WO 03/008768	01/30/2003	PCT	F02C	3/28		
	WO 03/045544	06/05/2003	PCT	B01J	8/04		
	WO 03/047730	06/12/2003	PCT	B01D	53/52		
	WO 03/056134	10/07/2003	PCT	E21C	41/24		
	WO 03/074394	12/09/2003	PCT	B65G	53/30		
	WO 03/082455	10/09/2003	PCT	B01J			
	WO 03/092901	11/13/2003	PCT	B04C	3/00		
	WO 2004/005673	01/15/2004	PCT	E21B	43/40		
/NB/	WO 2004/094061	04/11/2004	PCT	B02C	4/20		

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Initial	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	NO
/NR/	WO 2005/000454	06/01/2005	PCT	B01F	3/12		
	WO 2005/046874	05/26/2005	PCT	B02C	4/18		
	WO 2005/046875	05/26/2005	PCT	B02C	18/18		
	WO 2005/069804	08/04/2005	PCT	Not classified yet			
	WO 2005/070821	08/04/2005	PCT	C01B	17/04		
	WO 2005/072877	11/08/2005	PCT	B02C	4/08	·	
	WO 2005/080878	09/01/2005	PCT	F23R	3/36	-	
	WO 2005/092479	10/06/2005	PCT	B01D	53/84		
	WO 2005/092788	10/06/2005	PCT	C01B	17/04		
	WO 2005/123226	12/29/2005	PCT	B01D	53/86		
	WO 2006/034339	03/30/2006	PCT	BOID	53/62		
	WO 2006/035209	06/04/2006	PCT	B02C	4/08		
	WO 2006/037045	06/04/2006	PCT	C10G	1/04	 -	
	WO 2006/040269	04/20/2006	PCT	F23R	3/36		
	WO 2006/065459	06/22/2006	PCT	C10L	3/10		
	WO 2006/085759	08/17/2006	PCT	B04C	3/00	·	
	WO 2006/121503	11/16/2006	PCT	F23R	3/40		
	WO 83/00318	02/03/1983	PCT	B65G	53/48	7 - 7	
	WO 83/02071	06/23/1983	PCT	B02C	18/18		-
/NB/	WO 83/03062	09/15/1983	PCT	B02C	4/30		

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Examiner Initial	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	NO
/NB/	WO 83/03444	10/13/1983	PCT	E21F	13/02		
	WO 86/00302	01/16/1986	PCT	C07C	139/14		
	WO 86/07396	12/18/1986	PCT	D21C	11/12		
	WO 93/25751	12/23/1993	PCT	D21C	11/12		
	WO 94/11444	05/26/1994	PCT	C08L	95/00		
1-1-	WO 94/19091	09/01/1994	PCT	B01D	53/34		
	WO 94/23823	10/27/1994	PCT	B01D	45/14		-
	WO 95/07750	03/23/1995	PCT	B01D	53/14		
	WO 96/06899	03/07/1996	PCT ·	C10G	45/50		
	WO 96/29149	09/26/1996	PCT	B02C	4/30		
	WO 98/58739	12/30/1998	PCT	B02C	18/14		
	WO 99/36174	07/22/1999	PCT	B01J	20/34	d	
	WO 99/54049	10/28/1999	PCT	B02C	21/02		
	WO2006/132527	12/14/2006	PCT	B01D	45/12		<u> </u>
	WO2007/001174	01/04/2007	PCT	B01D	19/00	 	
	WO2007/02118.I	02/22/2007	PCT	B01D	17/02		
/NB/	EP 355127	06.01.1989	EP .	B04C	May-00	<u> </u>	
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